

EL ACUÍFERO



AQUIFER

**An underground formation that
holds water, ours is named
Ogallala**

**El Acuífero
Aquifer**

LA CONTAMINACIÓN



POLLUTION

**Examples of this are litter,
industrial waste, dog poop,
fertilizer**

**La Contaminación
Pollution**

EL PESCADOR



FISHERMAN

**This person loves spending
time outside, on the lookout for
critters that live in water**

**El Pescador
Fisherman**

EL RÍO

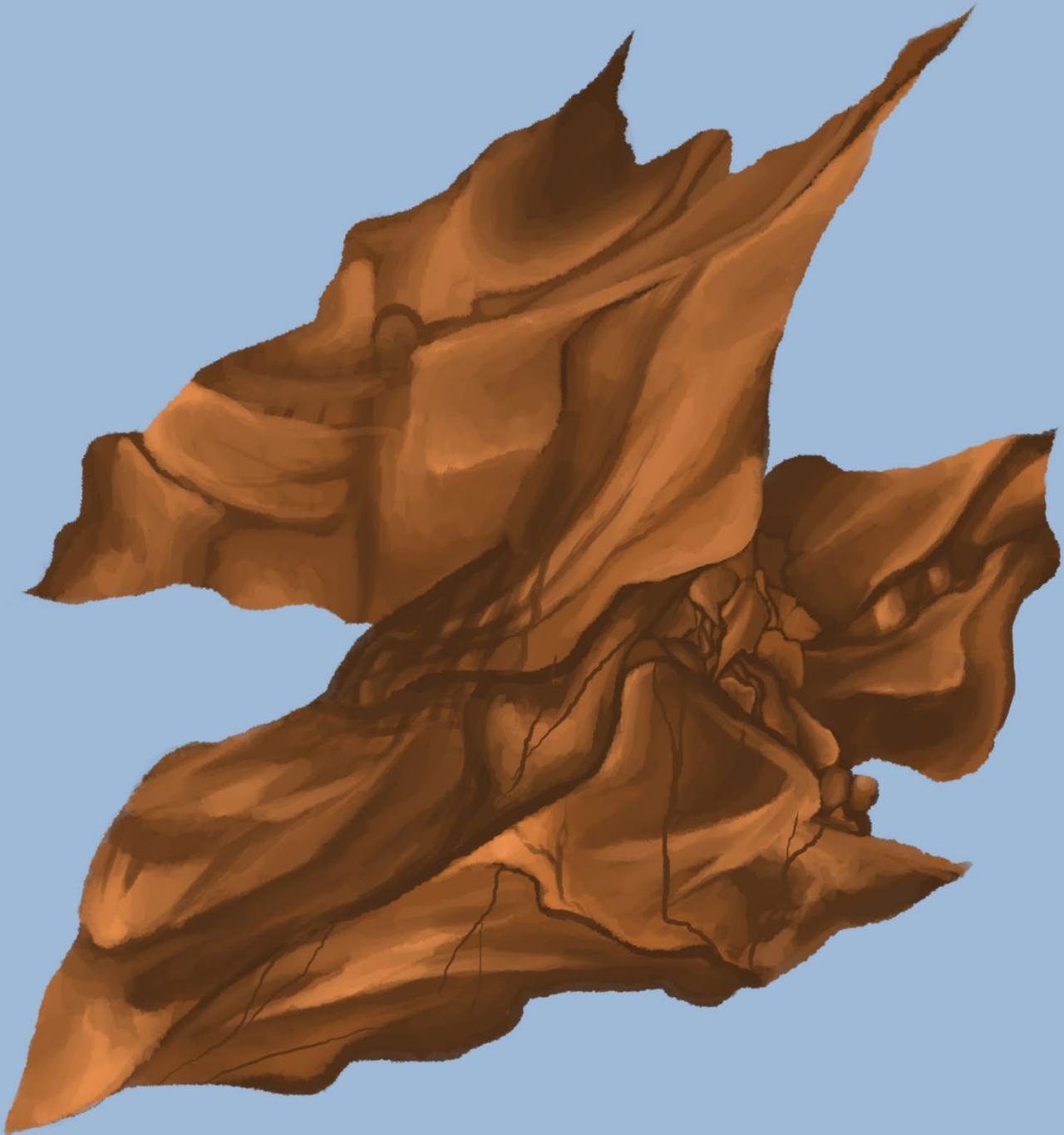


RIVER

**This is a type of surface water,
and the closest one to us is the
Canadian**

**El Río
River**

LA SEQUÍA



DROUGHT

**This happens when an area
doesn't receive much rain –
Texas had a very bad one in
2011!**

**La Sequía
Drought**

LA ECOSISTEMA

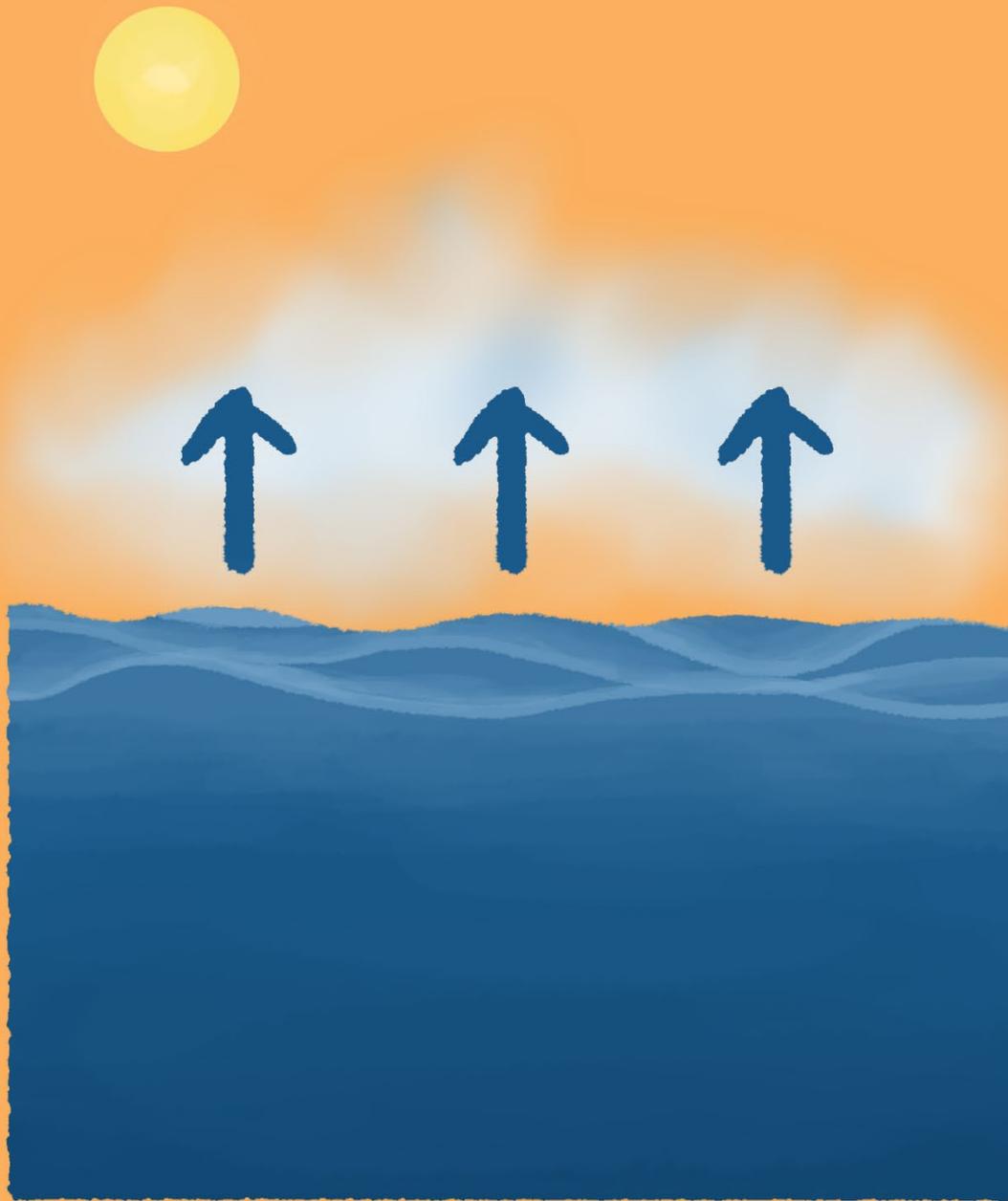


ECOSYSTEM

**This is an area where living
and non-living things interact**

**La Ecosistema
Ecosystem**

LA EVAPORACIÓN



EVAPORATION

**This is the process of water
turning from a liquid into a gas**

La Evaporación
Evaporation

EL AGUA DULCE



FRESHWATER

Water that is NOT saltwater is considered this type of water

**El Agua Dulce
Freshwater**

LOS AGUAS SUBTERRÁNEAS



GROUNDWATER

This type of water, from the Ogallala aquifer, is our main source of water in the North Plains

**Los Aguas Subterráneas
Groundwater**

EL CICLO DEL AGUA



WATER CYCLE

**Precipitation, infiltration,
evaporation, and condensation
are all parts of this**

**El Ciclo del Agua
Water Cycle**

EL IMPERMEABLE



IMPERMEABLE

**This type of land cover doesn't
let water infiltrate to the
groundwater – examples are
asphalt parking lots, buildings,
and roads**

**El Impermeable
Impermeable**

EL ARROYO

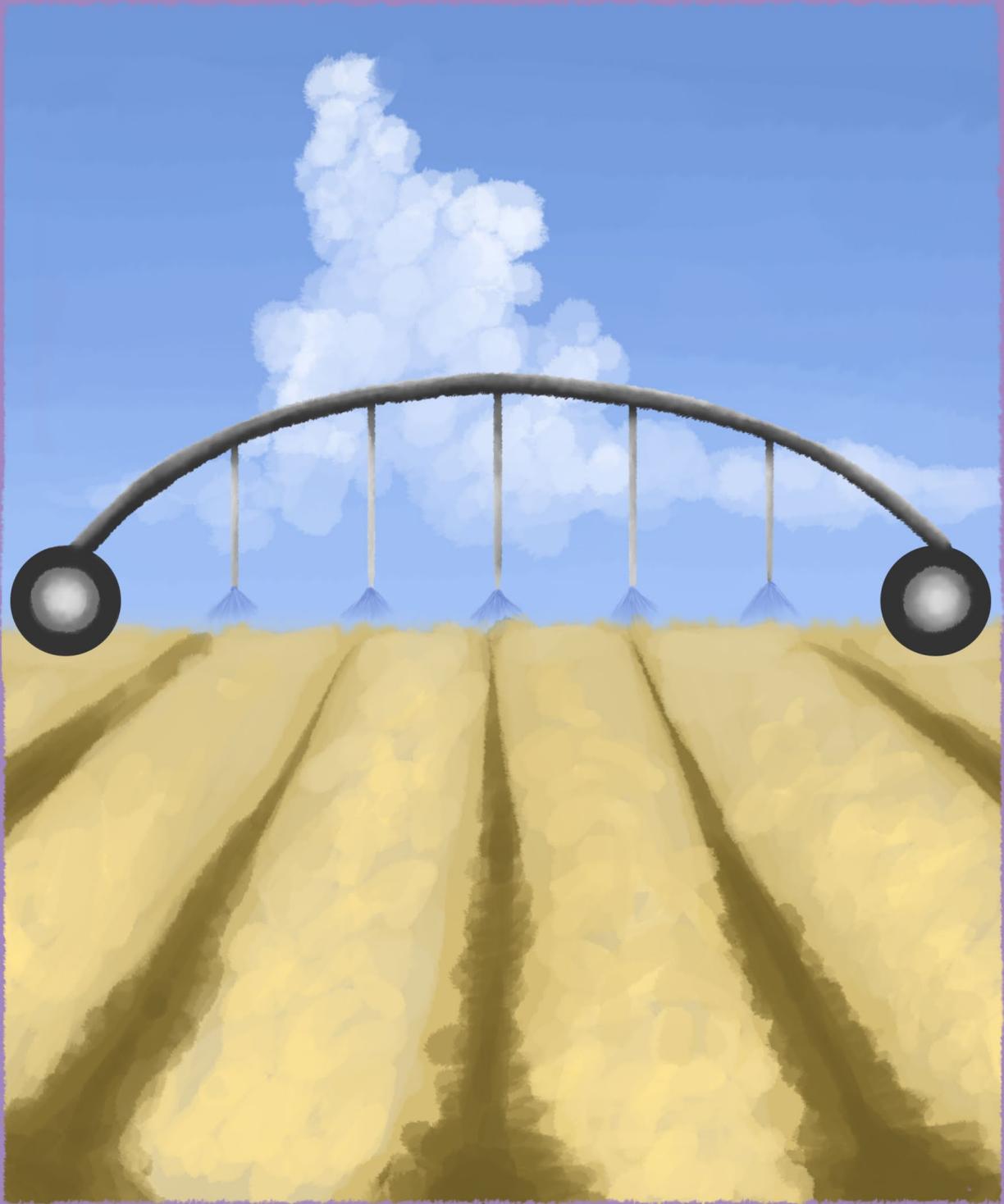


STREAM

Also known as a creek, you might find many of these in a watershed as they flow into a larger river

**El Arroyo
Stream**

EL RIEGO



IRRIGATION

**This is how 96% of
groundwater is used in North
Plains GCD, and is the way
farmers water crops that can
be turned into food and clothes**

**El Riego
Irrigation**

LA LAGUNA



LAKE

**The largest of these in the
Panhandle is named Meredith**

**La Laguna
Lake**

LOS RECURSOS NATURAL

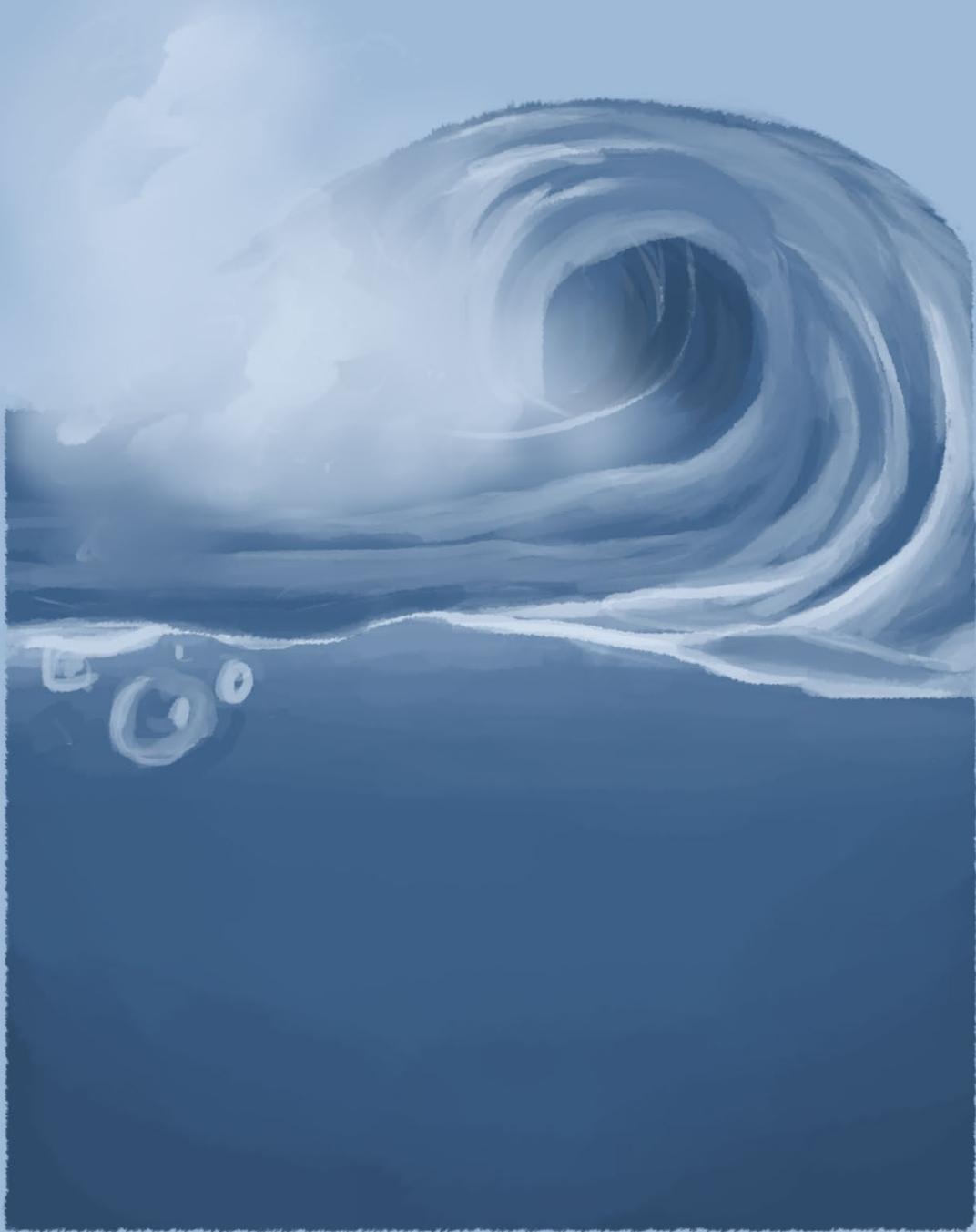


NATURAL RESOURCES

These are things that occur in nature that humans can use for energy, food, recreation, and more

**Los Recursos Natural
Natural Resources**

EL OCÉANO



OCEAN

**This is where 97% of the
world's water can be found**

**El Océano
Ocean**

LA MATERIA ORGÁNICA



ORGANIC MATTER

Soil is made up of rocks and minerals, air, water, and...

La Materia Orgánica
Organic Matter

EL PERMEABLE



PERMEABLE

This type of land allows water to infiltrate down into the soil and possibly become part of the aquifer

**El Permeable
Permeable**

LA FOTOSINTESIS



PHOTOSYNTHESIS

**This is the process used by
plants to create energy from
water and sunlight**

**La Fotosintesis
Photosynthesis**

EL LAGO PLAYA



PLAYA LAKE

**This is a feature on the land
that can serve as a habitat for
many plants, animals, and
birds, and also helps to
recharge the aquifer**

**El Lago Playa
Playa Lake**

LA PISCINA

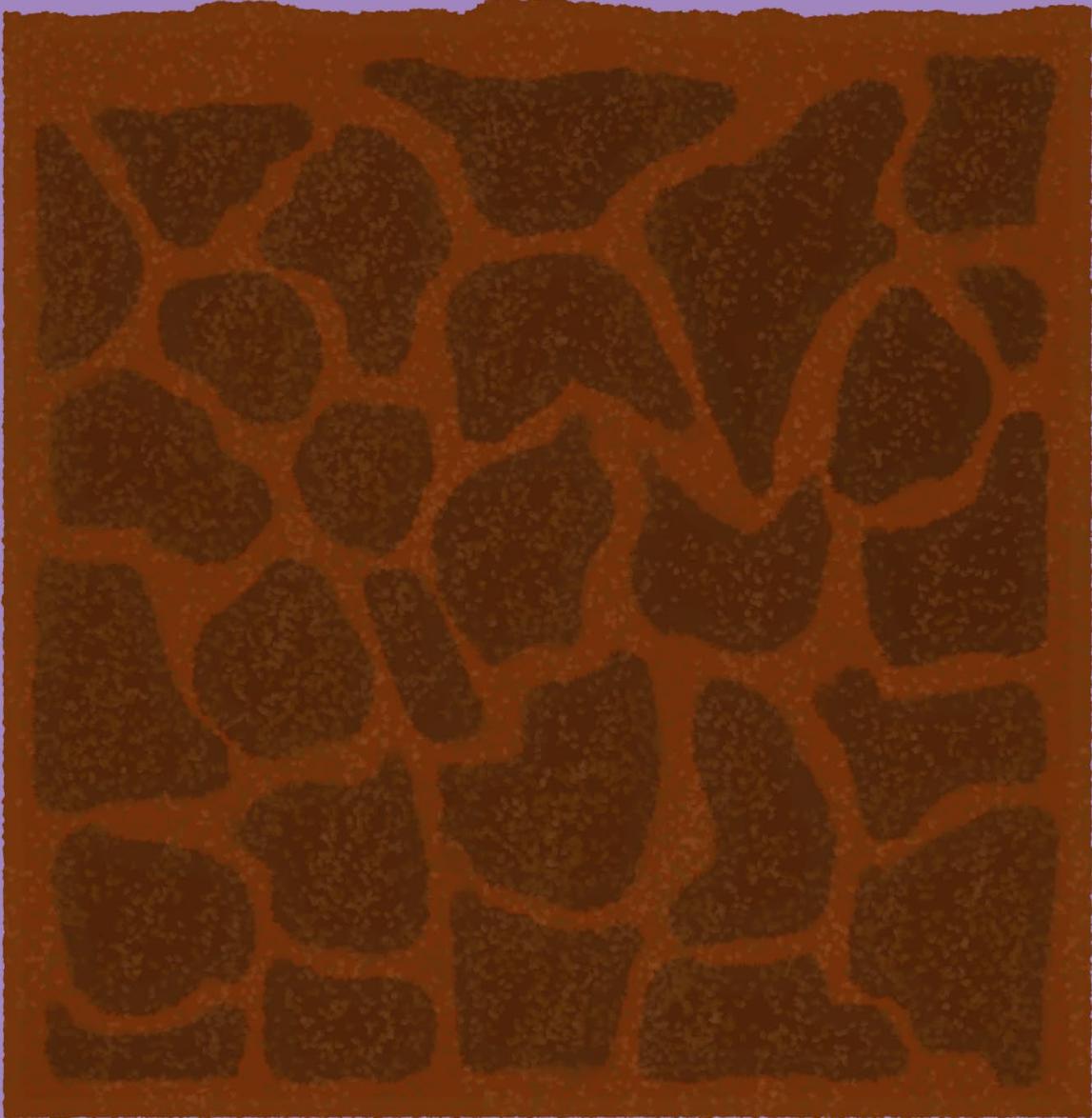


SWIMMING POOL

**One of the best ways to enjoy
water in the summer heat**

**La Piscina
Swimming Pool**

EL POROSO

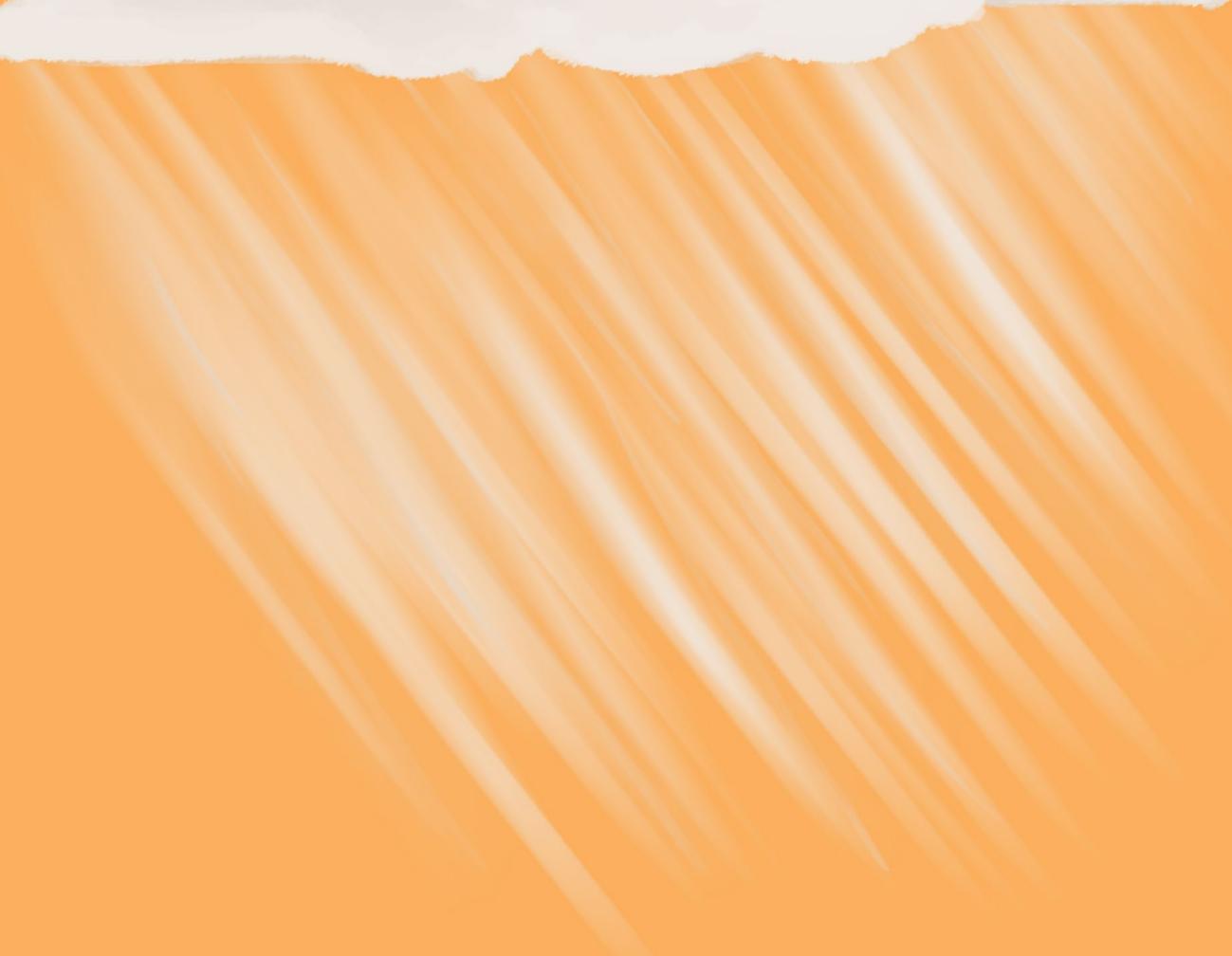


POROUS

**Groundwater can be found in
this kind of rock formation, full
of tiny holes**

**El Poroso
Porous**

LA LLUVIA



RAIN

**This is one form of
precipitation – our area
receives about 15 inches of
this each year**

**La Lluvia
Rain**

LA NIEVE



SNOW

**This is a frozen form of
precipitation, and each flake is
unique**

**La Nieve
Snow**

LA GOTITA

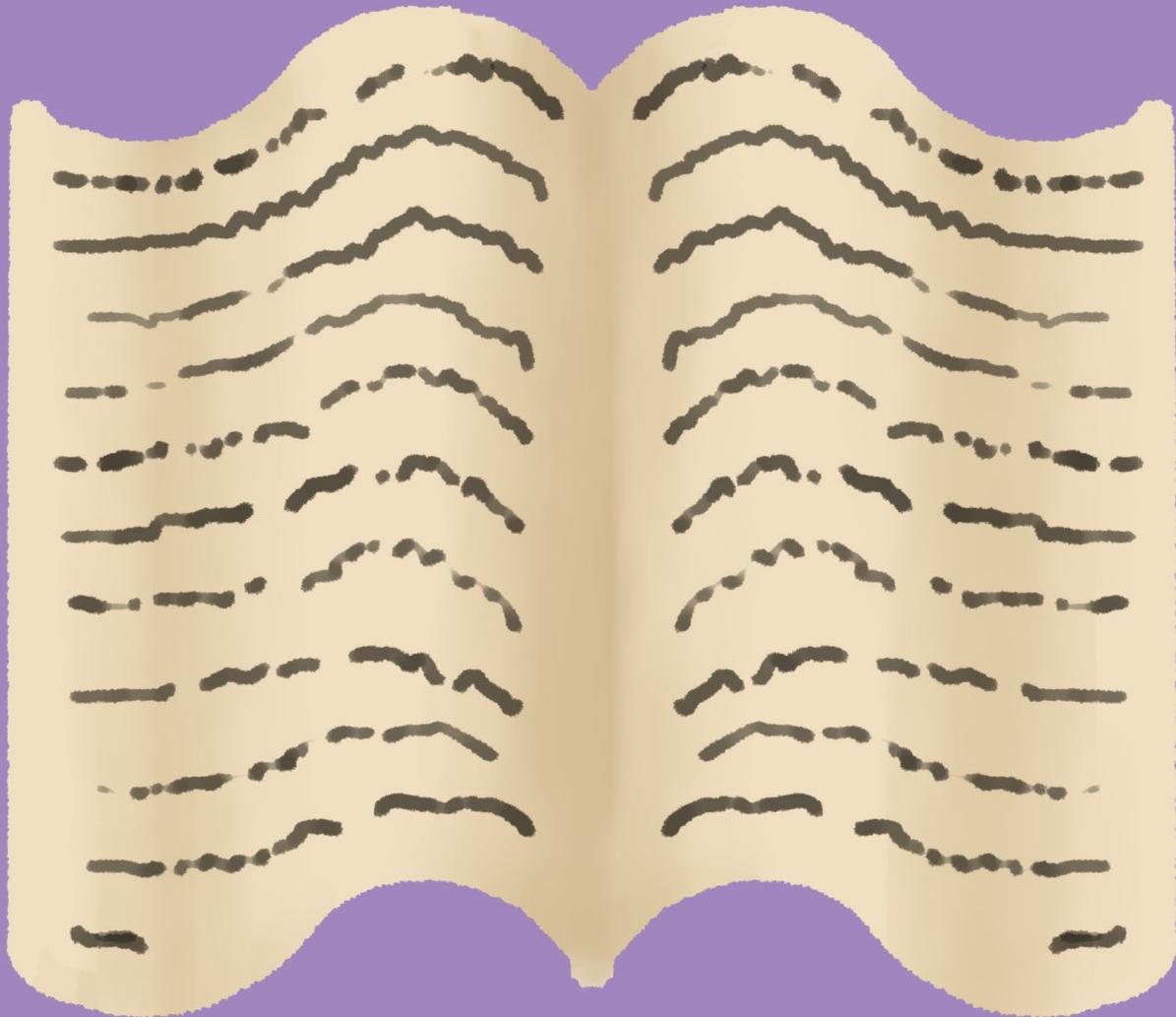


WATER DROP

**Even though they're tiny, every
single one of these counts!**

**La Gotita
Water Drop**

LA REGLA DE CAPTACIÓN



RULE OF CAPTURE

**According to this rule, a Texan
has the right to pump the
groundwater under their
property**

**La Regla de Captación
Rule of Capture**

EL ESCURRIMIENTO

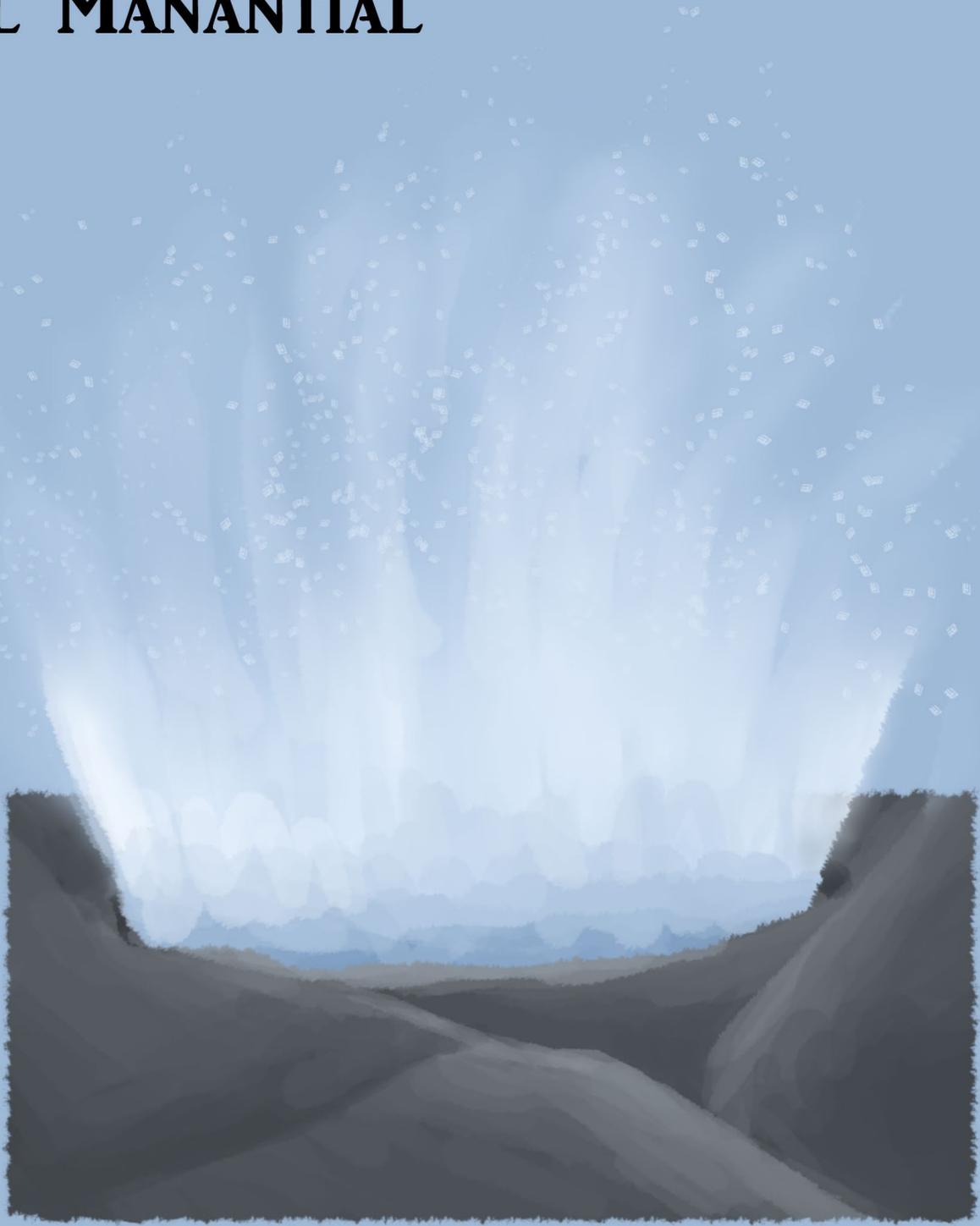


RUNOFF

**This is how non-point source
pollution can travel through a
watershed**

**El Escurrimiento
Runoff**

EL MANANTIAL



SPRING

**This is an area where
groundwater naturally seeps
out of the ground**

**El Manantial
Spring**

EL AGUA SUPERFICIAL



SURFACE WATER

**The opposite of groundwater,
this is water that can be found
in oceans, lakes, rivers, and
ponds**

**El Agua Superficial
Surface Water**

LA CUENCA



WATERSHED

**An area where all the water
flows to the same river or lake,
and every single one of us
lives in one of these**

**La Cuenca
Watershed**

EL INODORO



TOILET

About 40% of a normal household's water use is from this part of the bathroom

**El Inodoro
Toilet**

LA TAZA



CUP

**You can keep one of these full
of water in the fridge to avoid
wasting water waiting for the
faucet to get cold**

**La Taza
Cup**

EL GRIFO



FAUCET

**You should turn this off when
you're brushing your teeth or
hand-washing dishes**

**El Grifo
Faucet**

EL ASPERSOR

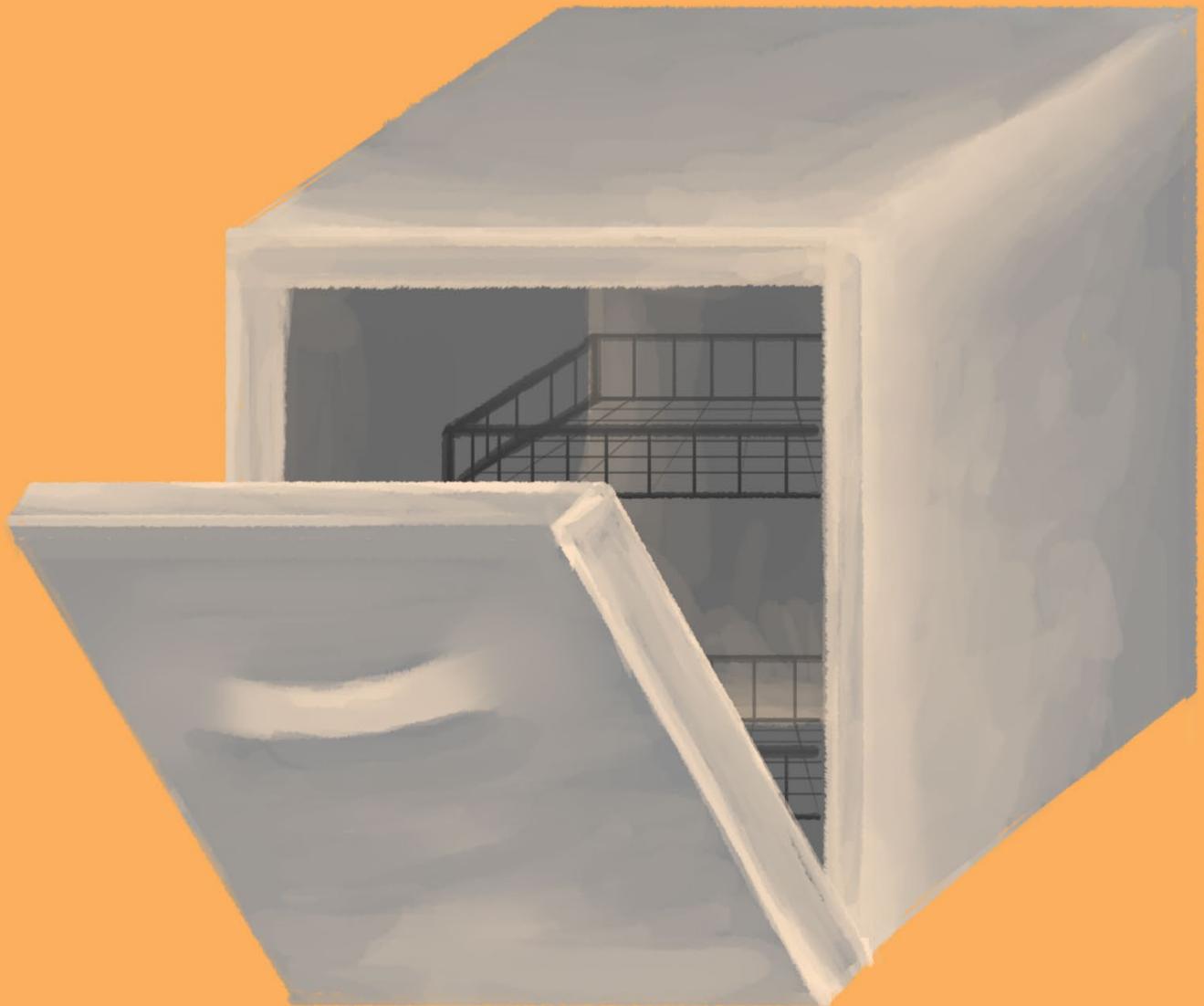


SPRINKLER

Even though your yard only needs about an inch of water each week, most water use in the summer comes from this

**El Aspersor
Sprinkler**

EL LAVAPLATOS



DISHWASHER

As long as it's full, running one of these is usually more water-efficient than hand-washing your dishes

**El Lavaplatos
Dishwasher**

EL ELOTE



CORN

**Around here, many farmers
grow this crop – not for
humans to eat directly, but to
feed cows for milk and meat**

El Elote

Corn

EL ALGODON



COTTON

**This is the #1 crop grown in
the North Plains, and I bet
every single one of you is
using some right now!**

**El Algodon
Cotton**

LA VACA



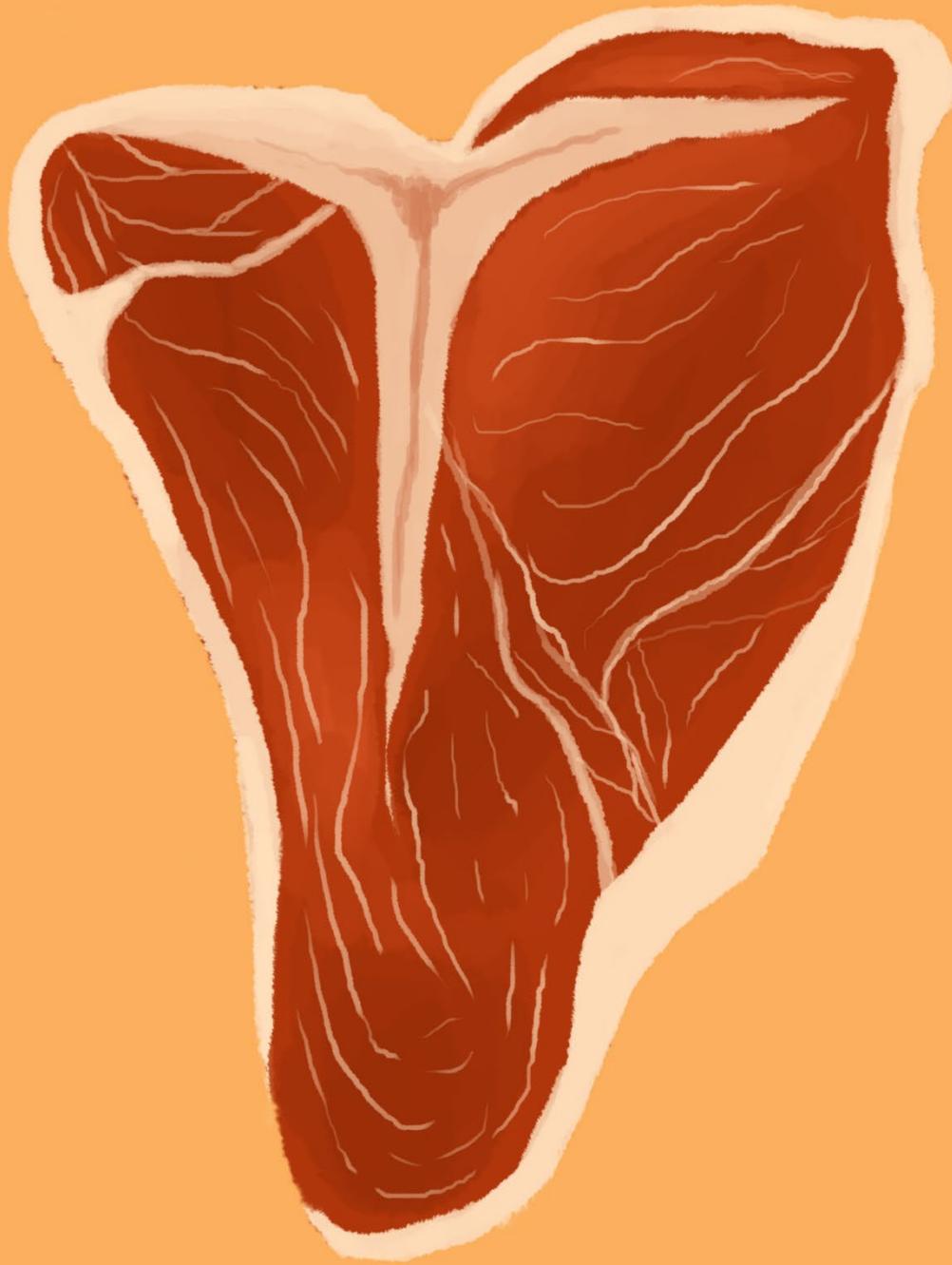
COW

**Many of this livestock animal
can be found in this area, and
humans use it for meat, milk,
and leather**

La Vaca

Cow

LA CARNE

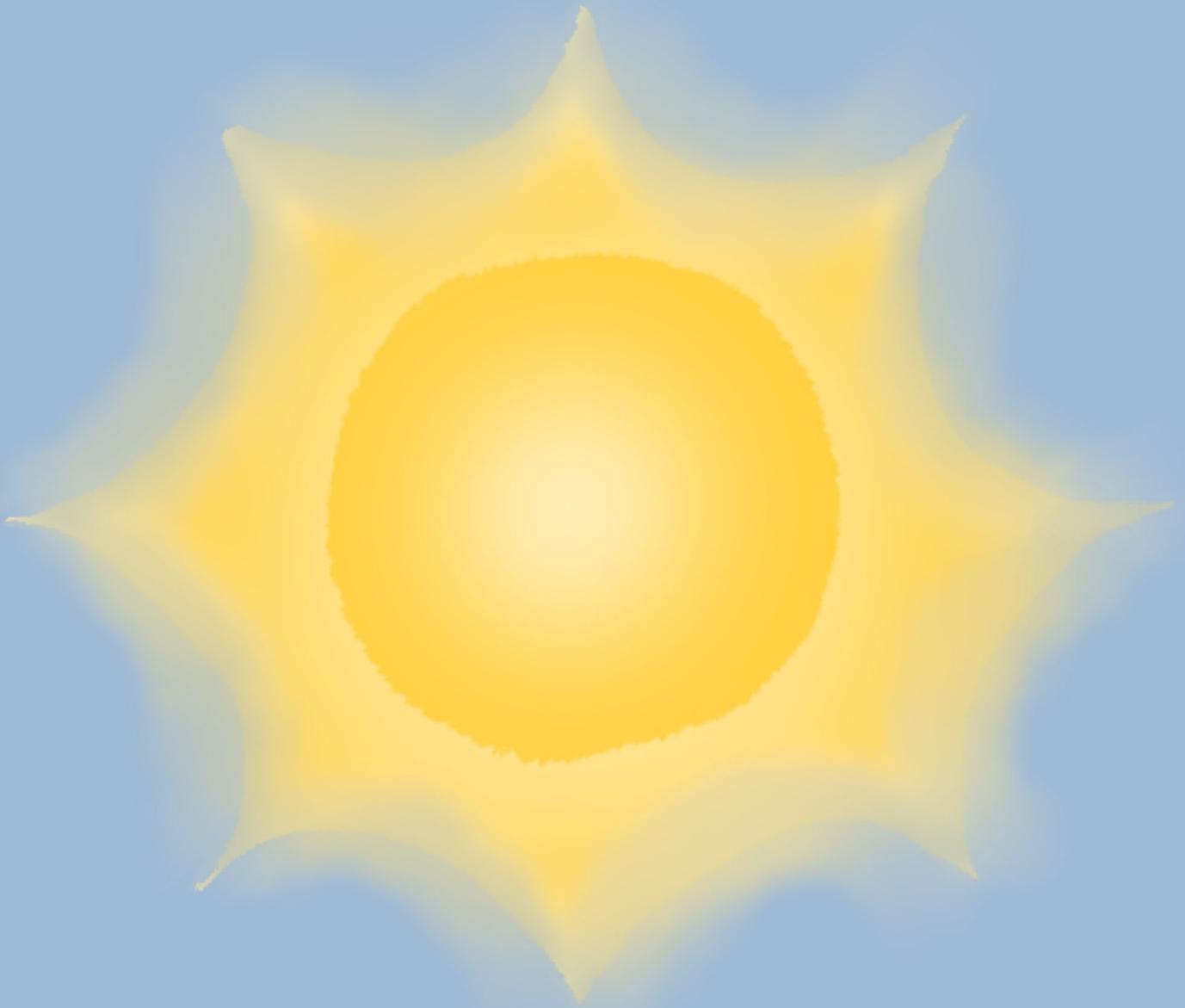


STEAK

**Producing one pound of this
requires nearly 500 gallons of
water, but it sure is tasty!**

**La Carne
Steak**

EL SOL



SUN

This huge star is the driving force behind the water cycle, photosynthesis, and almost all life on earth

El Sol

Sun

EL BOTE



BOAT

From small canoes to larger ones used for fishing or waterskiing, many people enjoy water from one of these

**El Bote
Boat**

EL HIELO

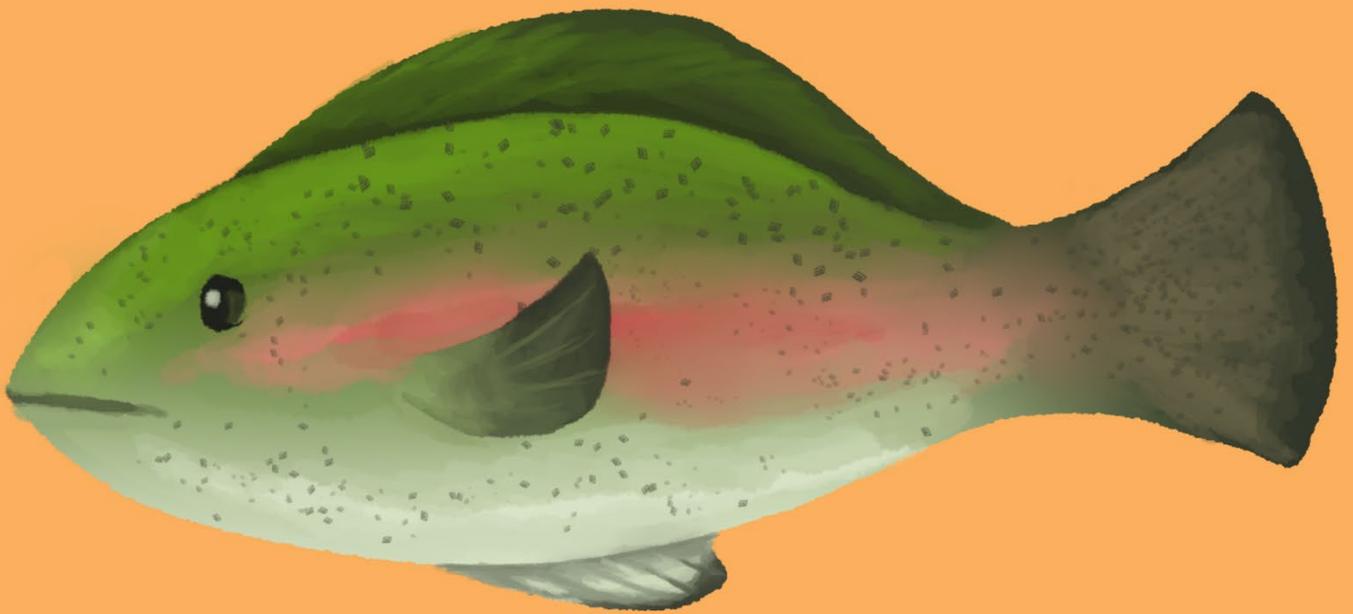


ICE CUBES

Water is one of the only substances on Earth that expands when it freezes – this is the solid form of water

El Hielo
Ice Cubes

EL PEZ

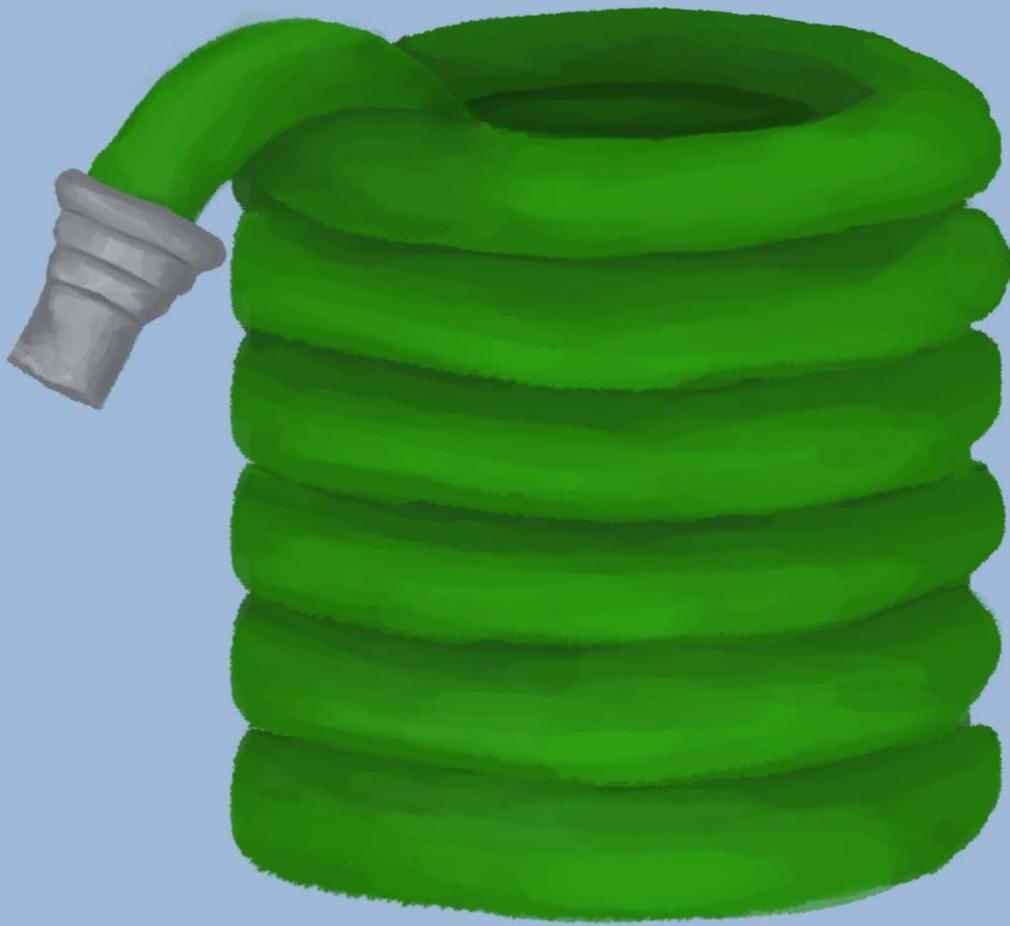


FISH

**Nearly 1000 species of this
have been found in Texas, and
it's important to keep water
clean for them to live in**

**El Pez
Fish**

LA MANGUERA



WATER HOSE

It's great for watering your plants, but using this to spray driveways and sidewalks is a waste of water- use a broom instead!

**La Manguera
Water Hose**

LA BAÑERA



BATH TUB

Short showers are the best choice, because filling this with water can use up to 70 gallons of water

**La Bañera
Bath Tub**

EL MOLINO DE VIENTO

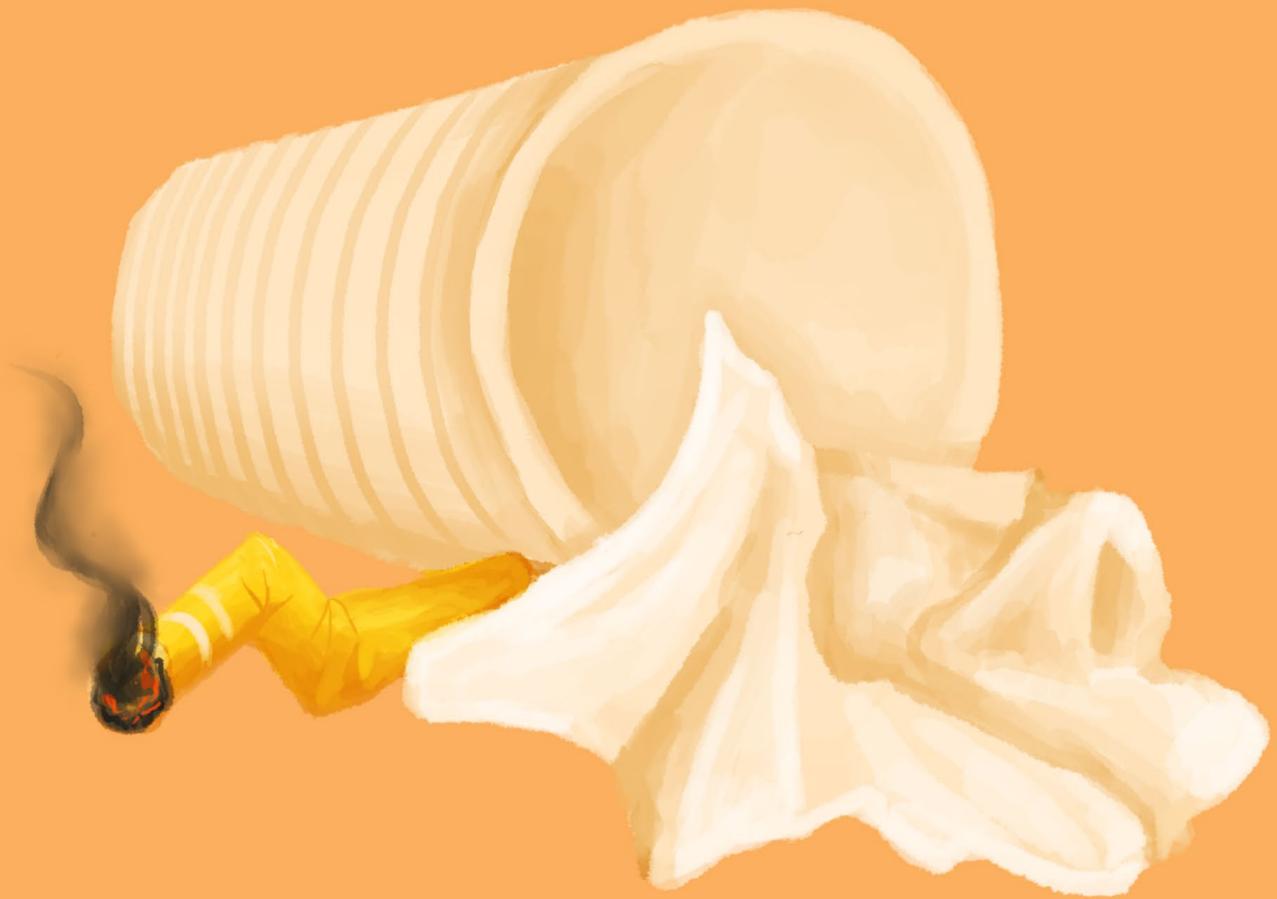


WINDMILL

Before electricity, these machines harnessed the power of the wind to pull groundwater from the aquifer below

**El Molino de Viento
Windmill**

LA BASURA



LITTER

This is a type of non-point source pollution, usually in the form of small items like drink bottles, straws, and chip bags

**La Basura
Litter**